

# PATENT ABSTRACTS OF JAPAN

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## (54) METHOD FOR ROUTING AD HOC NETWORK

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To establish the optimal path between a transmission origin node and a destination node in an ad hoc network.

**SOLUTION:** The routing method for an ad hoc network in which a radio network is independently and dispersively configured of a plurality of radio nodes comprises: a procedure for registering, in a path connection request message broadcasted from the transmission origin node, information related with the communicating capability of a path through which the path connection request message is transmitted; a procedure for making the destination node which receives the plurality of path connection request messages whose paths are different select a single path on the basis of the communicating capability information registered in each path connection request message; and a procedure for unicasting a path connection response message to the path selected by the destination node.

